



SEQUENCE LISTING

<110> Benzer, Seymour
Min, Kyung-Tai

<120> LIFE EXTENSION OF DROSOPHILA BY A DRUG TREATMENT

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<140> 09/895141

<141> 2001-06-29

<150> 60/215401

<151> 2000-06-29

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<170> PatentIn Ver. 2.1

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Superoxide Dismutase

<400> 1

gctggtacca atttattagc cgcaac

26

<210> 2

<211> 26

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Primer Sequence for Superoxide Dismutase

<400> 2

tgatctgaag aaggccatcg agtcgc

26

<210> 3

<211> 27

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Cytochrome P450-4d1

<400> 3

cgaaatgtgg ctctactat cgctagt

27

<210> 4
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Cytochrome P450-4d1

<400> 4
acttgcggtcc gttgctcacc agcagt 26

<210> 5
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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Glutathion S-Transferase

<400> 5
cagtgtacat cgcgagtttc acaac 25

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Glutathion S-Transferase

<400> 6
tccaggaagg tggttcaggaa ctcgaa 26

<210> 7
<211> 25
<212> DNA
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Primer Sequence for HSC70

<400> 7
ccagtttgat cgaaggtgcg gcaga 25

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

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Primer Sequence for HSC70

<400> 8

tgtccagacc gtaagcgata gcagcg

26

<210> 9

<211> 28

<212> DNA

<213> Artificial Sequence

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Primer Sequence for HSP60

<400> 9

aggcaaatat cagtcaacat gatgcgca

28

<210> 10

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for HSP60

<400> 10

ccttgaccgt ctcgatggct agcat

25

<210> 11

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for dnaJ-like2

<400> 11

ggagaggctc tttcctacgg ataatgcc

28

<210> 12

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for dnaJ-like2

<400> 12
atatcccata ctcgttggtg tagtattgcc 30

<210> 13
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Elongation factor lalpha

<400> 13
acattgtcgt gatcggacac gtcga 25

<210> 14
<211> 29
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Elongation factor lalpha

<400> 14
tatggtggct cggaggagtc catcttggt 29

<210> 15
<211> 27
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Inebriated

<400> 15
cttgaggcac agccaactct ctgatag 27

<210> 16
<211> 26
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<213> Artificial Sequence

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Primer Sequence for Inebriated

<400> 16
taaccgacgac ttcagctcca tgctga 26

<210> 17

<211> 26
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Daughterless, specific RNA
polymerase II transcription factor

<400> 17
gccagtttga aactcgatcg cagtgc

26

<210> 18
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Daughterless, specific RNA
polymerase II transcription factor

<400> 18
cggtatcatg tgatgctggg cactta

26

<210> 19
<211> 29
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Transportin

<400> 19
aaagcacagc caacacccaa agcagcaaa

29

<210> 20
<211> 29
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Transportin

<400> 20
ggcactcgtg tttgatatac tccacgatc

29

<210> 21
<211> 26
<212> DNA
<213> Artificial Sequence

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 <223> Description of Artificial Sequence: 5'RT-PCR
 Primer Sequence for Epididymal secretory protein

<400> 21
 tagattcgta gcgctgtgaa gaggca 26

<210> 22
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 3'RT-PCR
 Primer Sequence for Epididymal secretory protein

<400> 22
 aaaatcagga gtgctcagtg cgctctc 27

<210> 23
 <211> 25
 <212> DNA
 <213> Artificial Sequence

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 Primer Sequence for Mitochondrial phosphate
 carrier protein

<400> 23
 taacgttgct gacgaatacc gaccc 25

<210> 24
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 3'RT-PCR
 Primer Sequence for Mitochondrial phosphate
 carrier protein

<400> 24
 agatacaagg aggtgcggta caggta 26

<210> 25
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 5'RT-PCR

Primer Sequence for Imaginal disc growth factor 1

<400> 25
tttggccagt gcaaagtcca cggaagt 27

<210> 26
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Imaginal disc growth factor 1

<400> 26
agctccgatt ttcttccagg acgaac 26

<210> 27
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Glyceraldehyde 3phosphate
dehydrogenase 1

<400> 27
gctctgcata tacttgatca ggatgatg 28

<210> 28
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Glyceraldehyde 3phosphate
dehydrogenase 1

<400> 28
aatgtctccg ttgtgatct taccg 25

<210> 29
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for NADA:ubiquinone reductase 75kD
subunit precursor

<400> 29
 tgagaacgag gacgtcaacg aggaatg 27

<210> 30
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 3'RT-PCR
 Primer Sequence for NADA:ubiquinone reductase 75kD
 subunit precursor

<400> 30
 tgcagttcgt tgtgcacata ggccttg 27

<210> 31
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 5'RT-PCR
 Primer Sequence for Cytochrome c oxidase

<400> 31
 ggacatcctg gagcattaat tggagatg 28

<210> 32
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
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 Primer Sequence for Cytochrome c oxidase

<400> 32
 tccagcggat agaggtggat aaacag 26

<210> 33
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 5'RT-PCR
 Primer Sequence for Peptidyl
 glycine-alpha-hydroxylating monooxygenase

<400> 33
 gttcgaatac ggtgaaaatg ccacgc 26

<210> 34
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Peptidyl
glycine-alpha-hydroxylating monooxygenase

<400> 34
agttcttgcc caccttgaaa ccctact

26

<210> 35
<211> 29
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Fatty acid synthase

<400> 35
atttgtgaga gcggtagctt ggcggtttc

29

<210> 36
<211> 28
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Fatty acid synthase

<400> 36
agtctcaacc tgttcctcct tggtaggg

28

<210> 37
<211> 30
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Cytochrome c oxidase subunit
Vib

<400> 37
atcgtcagac agcagcaaca tgtccgccta

30

<210> 38
<211> 27

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Cytochrome c oxidase subunit
Vib

<400> 38
tctgcattca ccgctgggga aagcaca

27

<210> 39
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Hexokinase

<400> 39
ctcacaaatg ccctacgtat gcacat

26

<210> 40
<211> 27
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Hexokinase

<400> 40
aagtaggatg gatagggagc tggagct

27

<210> 41
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for DnaJ like 1

<400> 41
ttctttggat cgtcggatcc gtttgg

26

<210> 42
<211> 27
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for DnaJ like 1

<400> 42
ctcgtggttc ggattcacct gtatcct 27

<210> 43
<211> 28
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Osa

<400> 43
cgatgactca acagtccagt tctttggc 28

<210> 44
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Osa

<400> 44
ttaggctgta ctgcacttg acccaaa 27

<210> 45
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Calrecticulin

<400> 45
agttcggaca accatcggag ttggaag 27

<210> 46
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Calrecticulin

<400> 46
agcagtcgaa cagcttcaca tagccg 26

<210> 47
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Peroxisomal farnesylated
protein

<400> 47
aaacgacttg ctggacagtg ctctcca

27

<210> 48
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
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Primer Sequence for Peroxisomal farnesylated
protein

<400> 48
tggttaggaac atgtttccat caccctc

27

<210> 49
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Cycline-dependent kinase9

<400> 49
tgtcggcttc tcgcaaaact gtgattgt

28

<210> 50
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Cycline-dependent kinase9

<400> 50
cttgacgttc atgttggaca gaagacc

27

<210> 51

<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Porin

<400> 51
atacagcgat ttgggcaaac aggctcg

27

<210> 52
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Porin

<400> 52
ccatcggtga cagctgtgtg cagaacaa

28

<210> 53
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'RT-PCR
Primer Sequence for Opsin

<400> 53
cgatactttc ctctgtacat tgcagac

27

<210> 54
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 3'RT-PCR
Primer Sequence for Opsin

<400> 54
tgctaaccag aacatccagt ggatcc

26